

Presentation Outline

- Bridge Projects
 - Bridge replacement/rehabilitation
 - Bridge preservation
 - Scour mitigation
- Bridge Programs
 - Bridge load rating
 - Bridge inspection
 - Underwater bridge inspections



2014 Accomplishments

- Replaced two bridges
- Constructed three new bridges
- Replaced two bridge superstructures
- Replaced two bridge decks
- Widened/extended two structures
- Rehabilitated one substructure
- Removed one structurally deficient structure
- Addressed eight bridges with the South Davis Corridor (under construction)



2018 Program

- Program Value: \$15,200,000
- Program Goals:
 - Ensure safety of the traveling public
 - Allow for programmatic approach to rehabilitating or replacing deteriorating structures
- Performance Measure:
 - To have no deficient bridges on the state system



2018 Program

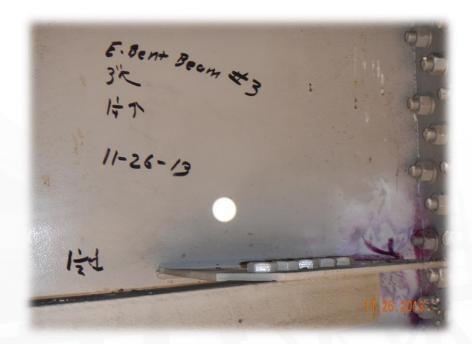
- I-80 over UPRR at Blackrock: Replacement
- SR-65; Henefer Interchange and Weber River Crossing: Rehabilitation
- Devil's Slide Bridge near Croydon: Replacement



I-80 over UPRR at Blackrock: Replacement

- Funding amount: \$9,000,000
- Scope: Bridge replacement







SR-65; Henefer Interchange and Weber River Crossing: Rehabilitation

- Funding amount: \$2,450,000
- Scope: Bridge rehabilitation







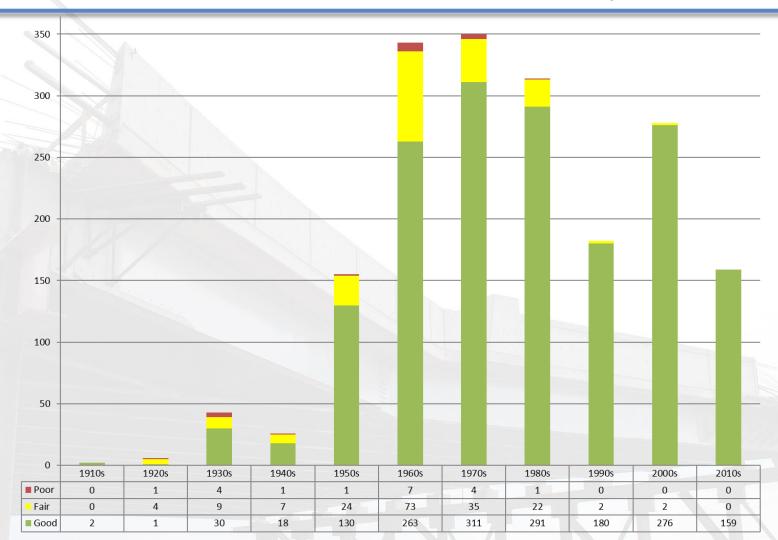
Devil's Slide Bridge near Croydon: Replacement

- Funding amount: \$1,800,000
- Scope: Bridge replacement











2014 Accomplishments

- Applied six healer sealer treatments
- Placed one thin bonded polymer overlay
- Placed two polyester concrete overlays
- Replaced seven asphalt overlays
- Performed two scour mitigations
- Completed ten other minor preservation treatments



2016 Program

- Program Value: \$8,500,000
- Program Goals:
 - Preserve infrastructure to extend service life
- Performance Measure:
 - Maintain the system in state of good repair



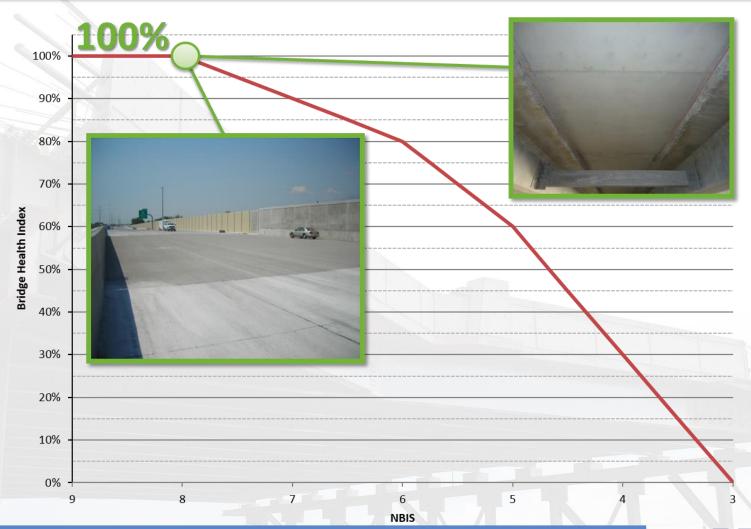
2016 Scour Mitigation

- Incorporate scour mitigation within bridge preservation
- Address state owned scour critical bridges

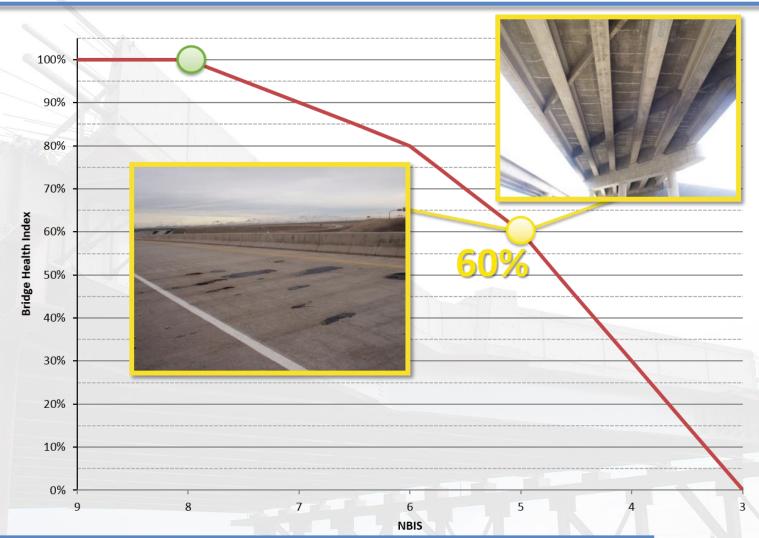








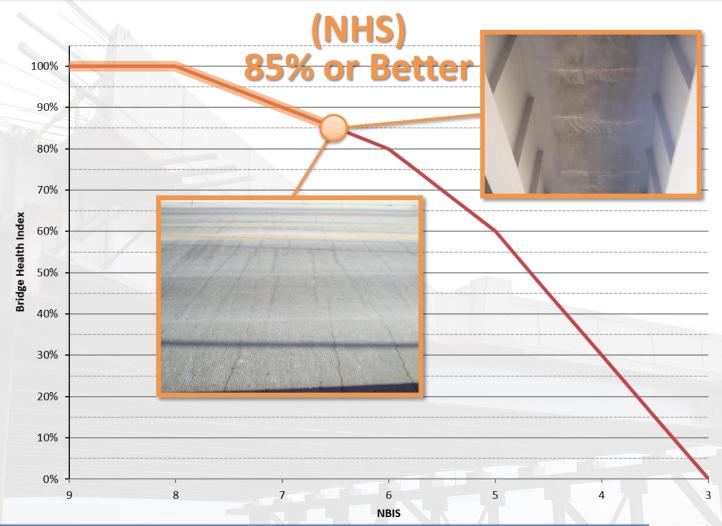




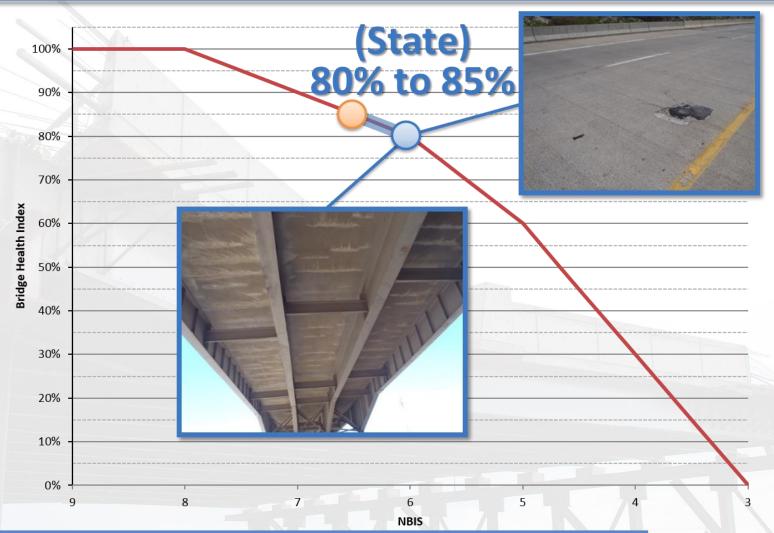




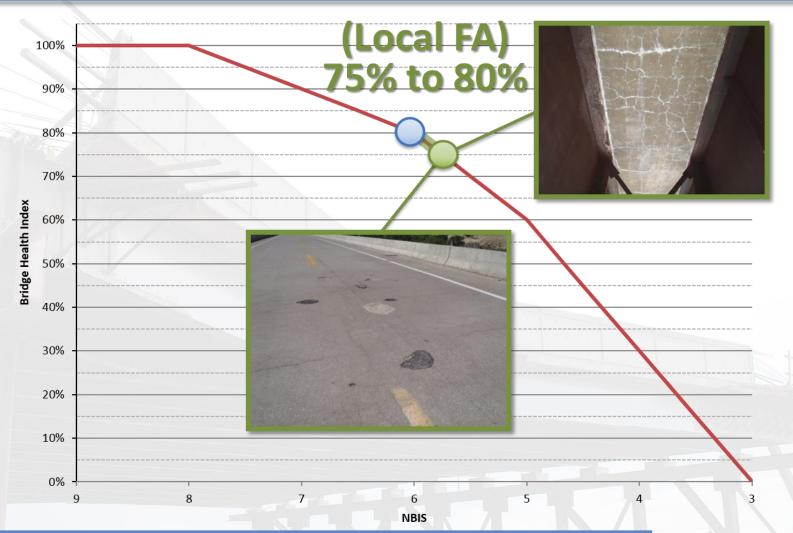








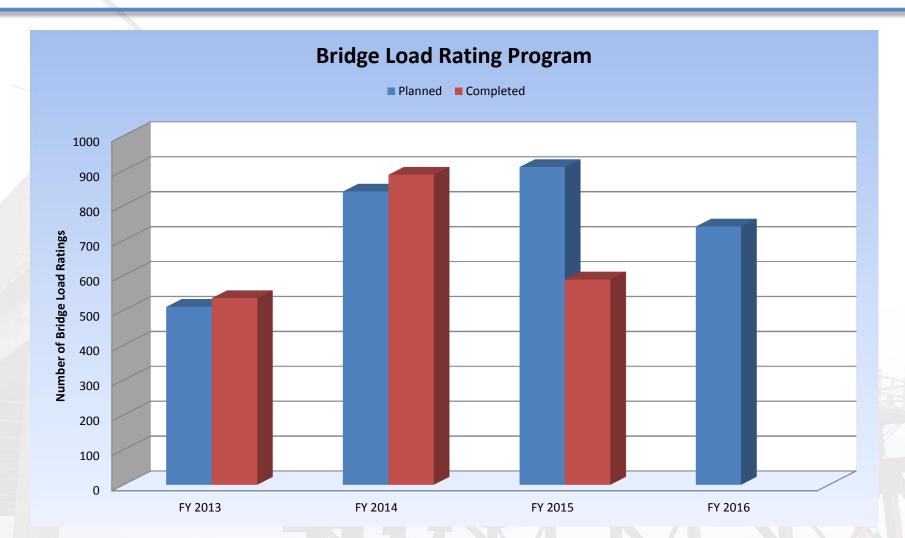






Bridge Programs

Bridge Load Rating





Bridge Programs

Bridge Inspection

- Program Value: \$1,500,000 annually
- Program Goals:
 - Ensure safety to the traveling public
 - Provide condition data for planning
 - Continue collection of National Bridge Elements
 - Integrate inspections with planning



Bridge Programs

Bridge Underwater Inspection

- Program Value: \$800,000 (complete)
- Program Goals:
 - Inspect all foundations that are continuously under water (five-year cycle)
 - Identify potential scour issues
 - No issues identified



